

SECTION 1

PRODUCT IDENTIFIER 10009 ULTRA-HIDE PRO-SHOPPER FLAT LATEX -
DATE OF PREPARATION ANTIQUE WHITE
PRODUCT USE AUGUST 7, 2000
PROTECTIVE COATING

MANUFACTURED BY: ICI PAINTS NORTH AMERICA, 925 EUCLID AVENUE,
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MSDS PREPARED BY: PRODUCT SAFETY AND TOXICOLOGY DEPARTMENT
ICI PAINTS NORTH AMERICA

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

	INGREDIENT	WT. %:
CHEMICAL NAME COMMON NAME : CAS NUMBER:	1,2-ETHANEDIOL ETHYLENE GLYCOL 107-21-1	1-5
CHEMICAL NAME COMMON NAME : CAS NUMBER:	LIMESTONE LIMESTONE 1317-65-3	5-10
CHEMICAL NAME COMMON NAME : CAS NUMBER:	KAOLIN CLAY 1332-58-7	1-5
CHEMICAL NAME COMMON NAME : CAS NUMBER:	TITANIUM OXIDE TITANIUM DIOXIDE 13463-67-7	5-10
CHEMICAL NAME COMMON NAME : CAS NUMBER:	TALC TALC 14807-96-6	5-10
CHEMICAL NAME COMMON NAME : CAS NUMBER:	QUARTZ QUARTZ 14808-60-7	1-5
CHEMICAL NAME COMMON NAME : CAS NUMBER:	2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHENYL ACETATE VINYL ACRYLIC LATEX 25067-01-0	5-10
CHEMICAL NAME COMMON NAME : CAS NUMBER:	NEPHELINE SYENITE FELDSPAR-TYPE MINERALS 37244-96-5	1-5
CHEMICAL NAME COMMON NAME : CAS NUMBER:	CERAMIC MATERIALS AND WARES, CHEMICALS KAOLIN CLAY 66402-68-4	5-10
CHEMICAL NAME COMMON NAME :	WATER WATER	50-60

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NUMBER: 7732-18-5

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF EXPOSURE
INHALATION, SKIN CONTACT, EYE CONTACT, INGESTION.**EFFECTS OF OVEREXPOSURE**
INHALATION IRRITATION OF RESPIRATORY TRACT. PROLONGED INHALATION MAY LEAD TO MUCOUS MEMBRANE IRRITATION, DROWSINESS, DIZZINESS AND/OR LIGHTEADEDNESS, HEADACHE, CHEST PAIN, COUGHING, CENTRAL NERVOUS SYSTEM DEPRESSION, DIFFICULTY OF BREATHING, KIDNEY DAMAGE, PNEUMOCONIOSIS.
SKIN CONTACT IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, DEFATTING. POSSIBLE SENSITIZATION TO SKIN.
EYE CONTACT IRRITATION OF EYES. PROLONGED OR REPEATED CONTACT CAN CAUSE CONJUNCTIVITIS, TEARING OF EYES, REDNESS OF EYES.
INGESTION INGESTION MAY CAUSE MOUTH AND THROAT IRRITATION, DIZZINESS AND/OR LIGHTEADEDNESS, HEADACHE, NAUSEA, VOMITING, DIARRHEA, GASTRO-INTESTINAL DISTURBANCES, SEVERE ABDOMINAL PAIN, ABDOMINAL PAIN, APATHY, CENTRAL NERVOUS SYSTEM DEPRESSION, RESPIRATORY PROBLEMS, INTOXICATION, KIDNEY DAMAGE, PULMONARY EDEMA, LOSS OF CONSCIOUSNESS, ACUTE POISONING, RESPIRATORY FAILURE, CARDIAC FAILURE, BRAIN DAMAGE.**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**
EYE, SKIN, RESPIRATORY DISORDERS
LUNG DISORDERS
ASTHMA-LIKE CONDITIONS
KIDNEY DISORDERS

SECTION 4: FIRST-AID MEASURES

INHALATION REMOVE TO FRESH AIR. RESTORE AND SUPPORT CONTINUED BREATHING. GET EMERGENCY MEDICAL ATTENTION. HAVE TRAINED PERSON GIVE OXYGEN IF NECESSARY. GET MEDICAL HELP FOR ANY BREATHING DIFFICULTY. REMOVE TO FRESH AIR IF INHALATION CAUSES EYE WATERING, HEADACHES, DIZZINESS, OR OTHER DISCOMFORT.
SKIN CONTACT FLUSH FROM SKIN WITH WATER. THEN WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE RE-USE.
EYE CONTACT FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER, ESPECIALLY UNDER LIDS FOR AT LEAST 15 MINUTES. IF IRRITATION OR OTHER EFFECTS PERSIST, OBTAIN MEDICAL TREATMENT.

SECTION 4: FIRST-AID MEASURES

INGESTION IF SWALLOWED, OBTAIN MEDICAL TREATMENT IMMEDIATELY.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (SETA) NONE LOWER EXPLOSIVE LIMIT NOT AVAILABLE
UPPER EXPLOSIVE LIMIT NOT AVAILABLE

FIRE EXTINGUISHING MEDIA
DRY CHEMICAL OR FOAM
WATER FOG.

UNUSUAL FIRE AND EXPLOSION HAZARDS
CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT OR
FIRE.

FIRE FIGHTING PROCEDURES
WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS.
FIREFIGHTERS SHOULD USE FULL PROTECTIVE CLOTHING, EYE
PROTECTION, AND SELF-CONTAINED BREATHING APPARATUS.

HAZARDOUS DECOMPOSITION OR COMBUSTION PRODUCTS
CARBON MONOXIDE, CARBON DIOXIDE, OXYGEN.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
COMPLY WITH ALL APPLICABLE HEALTH AND ENVIRONMENTAL
REGULATIONS.
VENTILATE AREA. SPILLS MAY BE COLLECTED WITH ABSORBENT
MATERIALS. PLACE COLLECTED MATERIAL IN PROPER CONTAINER.

SECTION 7 HANDLING AND STORAGE

HANDLING AND STORAGE
STORE BELOW 100F (38C). KEEP AWAY FROM HEAT, SPARKS AND
OPEN FLAME. KEEP FROM FREEZING.

OTHER PRECAUTIONS
USE ONLY WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY.
KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND
EYES, AND BREATHING OF VAPORS. WASH HANDS THOROUGHLY AFTER
HANDLING, ESPECIALLY BEFORE EATING OR SMOKING.
KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE.
AVOID CONDITIONS WHICH RESULT IN FORMATION OF INHALABLE
PARTICLES SUCH AS SPRAYING OR ABRADING (SANDING) PAINTED
SURFACES. IF SUCH CONDITIONS CANNOT BE AVOIDED, USE
APPROPRIATE RESPIRATORY PROTECTION AS DIRECTED UNDER
EXPOSURE CONTROLS/PERSONAL PROTECTION.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMMON NAME : ETHYLENE GLYCOL
 CAS NUMBER: 107-21-1
 ACGIH(STEL): C 100 MG/M3

COMMON NAME : LIMESTONE
 CAS NUMBER: 1317-65-3
 ACGIH(TWA): 10 MG/M3 OSHA(TWA): 5 MG/M3

COMMON NAME : CLAY
 CAS NUMBER: 1332-58-7
 ACGIH(TWA): 2 MG/M3 OSHA(TWA): 5 MG/M3

COMMON NAME : TITANIUM DIOXIDE
 CAS NUMBER: 13463-67-7
 ACGIH(TWA): 10 MG/M3 OSHA(TWA): 10 MG/M3

COMMON NAME : TALC
 CAS NUMBER: 14807-96-6
 ACGIH(TWA): 2 MG/M3

COMMON NAME : QUARTZ
 CAS NUMBER: 14808-60-7
 ACGIH(TWA): .05 MG/M3 OSHA(TWA): 0.1 MG/M3

COMMON NAME : FELDSPAR-TYPE MINERALS
 CAS NUMBER: 37244-96-5
 ACGIH(TWA): 5 MG/M3

RESPIRATORY PROTECTION

CONTROL ENVIRONMENTAL CONCENTRATIONS BELOW APPLICABLE EXPOSURE STANDARDS WHEN USING THIS MATERIAL. WHEN RESPIRATORY PROTECTION IS DETERMINED TO BE NECESSARY, USE A NIOSH/MSHA (CANADIAN Z94.4) APPROVED ELASTOMERIC SEALING-SURFACE FACEPIECE RESPIRATOR OUTFITTED WITH ORGANIC VAPOR CARTRIDGES AND PAINT SPRAY (DUST/MIST) PREFILTERS. DETERMINE THE PROPER LEVEL OF PROTECTION BY CONDUCTING APPROPRIATE AIR MONITORING. CONSULT 29CFR1910.134 FOR SELECTION OF RESPIRATORS (CANADIAN Z94.4).

VENTILATION

PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT BUILD-UP OF VAPORS.

PERSONAL PROTECTIVE EQUIPMENT

EYE WASH, SAFETY SHOWER, SAFETY GLASSES OR GOGGLES.
 IMPERVIOUS GLOVES, IMPERVIOUS CLOTHING.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE:	NOT AVAILABLE	SPECIFIC GRAVITY:	1.336
BOILING RANGE:	100-212F/38-100C	WEIGHT PER GALLON:	11.13/ 13.37IMP
%VOLATILE BY VOLUME:	71.37		
PHYSICAL STATE:	LIQUID	APPEARANCE	WHITE
SOLUBILITY IN WATER:	NOT AVAILABLE	PH:	NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

UNDER NORMAL CONDITIONS

STABLE

SEE SECTION 5 FIRE FIGHTING MEASURES

MATERIALS TO AVOID

OXIDIZERS, ACIDS.

CONDITIONS TO AVOID

CONTACT WITH OXIDIZING AGENT, FREEZING, OPEN FLAME.

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

COMMON NAME : ETHYLENE GLYCOL

CAS NUMBER: 107-21-1

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

LD50: 4700.00 MG/KG ORL RAT

LD50: 5500.00 MG/KG ORL MOU

COMMON NAME : LIMESTONE

CAS NUMBER: 1317-65-3

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

LD50: 6450.00 MG/KG ORL RAT

COMMON NAME : CLAY

CAS NUMBER: 1332-58-7

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

COMMON NAME : TITANIUM DIOXIDE

CAS NUMBER: 13463-67-7

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

LD50: 24.00 GM/KG ORL RAT

LC50: 6820.00 MG/M3/4HR IHL RAT

COMMON NAME : TALC

CAS NUMBER: 14807-96-6

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

COMMON NAME : QUARTZ

CAS NUMBER: 14808-60-7

CARCINOGENICITY LISTED BY: NTP YES

IARC YES 1

OSHA NO

ACGIH NO

COMMON NAME : VINYL ACRYLIC LATEX

CAS NUMBER: 25067-01-0

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

COMMON NAME : FELDSPAR-TYPE MINERALS

CAS NUMBER: 37244-96-5

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

COMMON NAME : KAOLIN CLAY

CAS NUMBER: 66402-68-4

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

SECTION 11: TOXICOLOGICAL INFORMATION

SUPPLEMENTAL HEALTH INFORMATION

NO ADDITIONAL EFFECTS ARE ANTICIPATED

CARCINOGENICITY

INHALATION OF NON-ASBESTIFORM COSMETIC GRADE TALC FOR 2 YEARS AT 6 AND 18 MG/M3 PRODUCED CLEAR EVIDENCE OF CARCINOGENICITY IN FEMALE RATS (LUNG AND ADRENAL TUMORS) AND SOME EVIDENCE OF CARCINOGENICITY IN MALE RATS (ADRENAL TUMORS). NO EVIDENCE OF CARCINOGENICITY WAS DEMONSTRATED IN MALE AND FEMALE MICE EXPOSED UNDER THE SAME CONDITIONS. MICROSCOPIC EXAMINATION OF THE LUNGS OF RATS AND MICE EXPOSED TO TALC REVEALED ADDITIONAL EXPOSURE RELATED EFFECTS PRIMARILY ASSOCIATED WITH THE INFLAMMATORY RESPONSE. CONTAINS CRYSTALLINE SILICA WHICH IS CONSIDERED A HAZARD BY INHALATION. IARC HAS CLASSIFIED CRYSTALLINE SILICA AS CARCINOGENIC TO HUMANS (GROUP 1). CRYSTALLINE SILICA IS ALSO A KNOWN CAUSE OF SILICOSIS, A NONCANCEROUS LUNG DISEASE. NTP HAS CLASSIFIED CRYSTALLINE SILICA A REASONABLY ANTICIPATED CARCINOGEN.

REPRODUCTIVE EFFECTS

NO REPRODUCTIVE EFFECTS ARE ANTICIPATED

MUTAGENICITY

NO MUTAGENIC EFFECTS ARE ANTICIPATED

TERATOGENICITY

SOME LABORATORY TEST RESULTS HAVE SHOWN ETHYLENE GLYCOL TO BE AN ANIMAL TERATOGEN.

SECTION 12: ECOLOGICAL INFORMATION

NO ECOLOGICAL TESTING HAS BEEN DONE BY ICI PAINTS ON THIS PRODUCT AS A WHOLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. AVOID DISCHARGE TO NATURAL WATERS.

SECTION 14: TRANSPORT INFORMATION

DOT

PAINT ** PROTECT FROM FREEZING **

IMDG

NOT AVAILABLE

IATA

NOT AVAILABLE

TDG

NOT AVAILABLE

SECTION 15: REGULATORY INFORMATION

	SARA 302	SARA 313	CERCLA 302.4	HAZ AIR POLLUTANT	MARINE POLTNT
CAS NUMBER: 107-21-1	NO	YES	YES	YES	NO
COMMON NAME : ETHYLENE GLYCOL					

AS OF THE DATE OF THIS MSDS, ALL OF THE COMPONENTS IN THIS PRODUCT ARE LISTED (OR ARE OTHERWISE EXEMPT FROM LISTING) ON THE TSCA INVENTORY. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR (CONTROLLED PRODUCTS REGULATIONS) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

SECTION 16: OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE AT THE TIME OF PREPARATION OF THIS DATA SHEET AND WHICH ICI PAINTS BELIEVES TO BE RELIABLE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA. ICI PAINTS SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS INFORMATION, OR OF ANY PRODUCT, METHOD OR APPARATUS MENTIONED AND YOU MUST MAKE YOUR OWN DETERMINATION OF ITS SUITABILITY AND COMPLETENESS FOR YOUR OWN USE, FOR THE PROTECTION OF THE ENVIRONMENT, AND THE HEALTH AND SAFETY OF YOUR EMPLOYEES AND USERS OF THIS MATERIAL. COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29CFR1910.1200.